AMENDMENTS TO THE SPECIFICATION:

Please amend paragraph [0037] as follows:

FIG. 1 illustrates the general method for filtering relevant information from a corpus of documents **101** or from a ~~steam~~ stream of documents **130**. According to one embodiment of the invention, a document is a text file containing one or more strings of characters or other symbols that are used to form more complex constructs. For example, strings of characters may form words, phrases, sentences, and paragraphs. The constructs contained in the documents are not limited to constructs or forms associated with any particular language. Furthermore, the feature types that may be used are not limited to linguistic strings or symbols, but can include other feature types such as: structural features, such as the number of fields or sections or paragraphs or tables in the document; physical features, such as the ratio of "white" to "dark" areas or the color patterns in an image of the document; annotation features, the presence or absence or the value of annotations recorded on the document in specific fields or as the result of human or machine processing; derived features, such as those resulting from transformation functions such as latent semantic analysis and combinations of other features; and many other feature types that may be apparent to practitioners of the art.

Please amend paragraph [0049] as follows:

In This table, the Terms column lists a unique union of all the terms contained in the two documents D_1 and D_2. The values listed under D_1 and D_2 refer to the frequency of those terms as they appear in the documents. The values listed under Q_1 and Q_2 refer to the frequency of the terms as they appear in the profiles corresponding to Q_1 and Q_2. Using the similarity function illustrated above, the similarity score of the profile Q_1 to document D_1 is computed as:

~~$$S(Q_1, D_1) = \frac{(1 \cdot 2) + (1 \cdot 2)}{\sqrt{1^2 + 1^2 + 1^2 + 1^2 + 1^2} \cdot \sqrt{2^2 + 1^2 + 2^2 + 3^2 + 1^2}} = 0.41$$~~

$$S(Q_1, D_1) = \frac{(1 \cdot 2) + (1 \cdot 1)}{\sqrt{1^2 + 1^2 + 1^2 + 1^2 + 1^2} \cdot \sqrt{2^2 + 1^2 + 2^2 + 3^2 + 1^2}} = 0.33$$